

Statistics 2017 – full version

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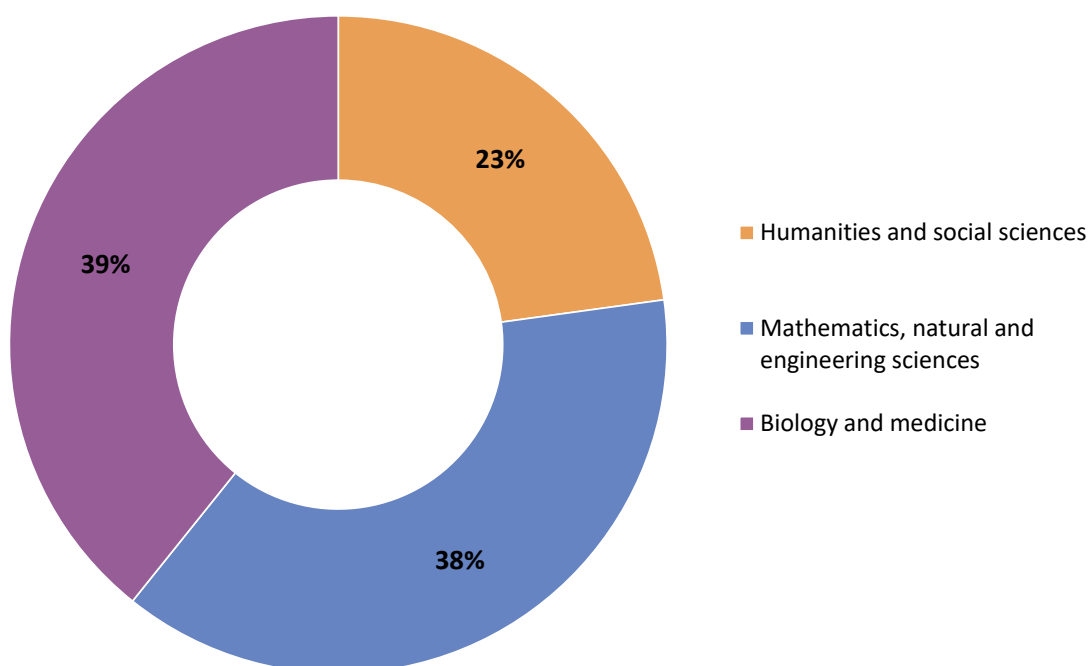
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1. Overview of funding

1.1 Funding by research area

Amounts in CHF million

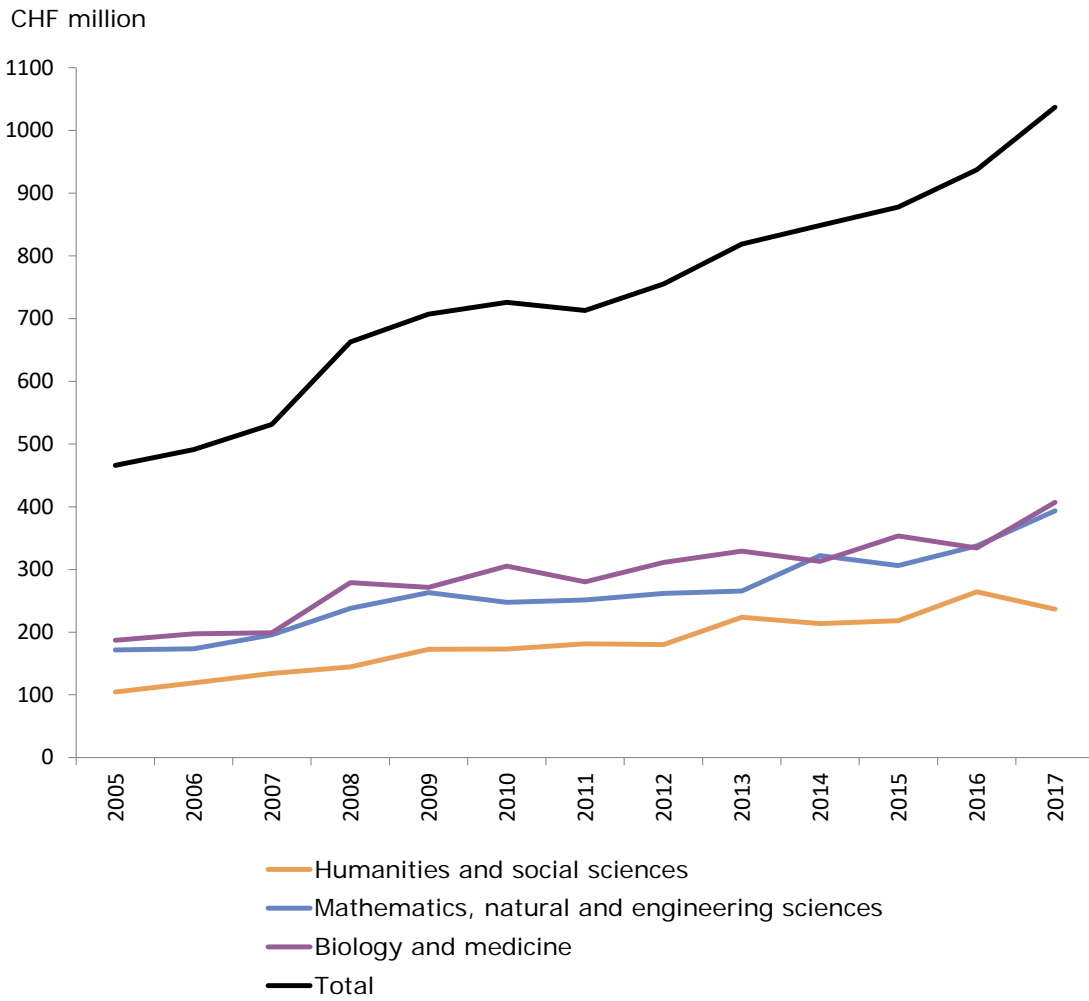
Distribution of the approved amounts



	Amount	Women	Men
Humanities and social sciences	236.7	41%	59%
Mathematics, natural and engineering sciences	393.4	17%	83%
Biology and medicine	407.0	21%	79%
Total	1 037.0	24%	76%

The statistic 1.1 is available in interactive and extended form:
[LINK](#)

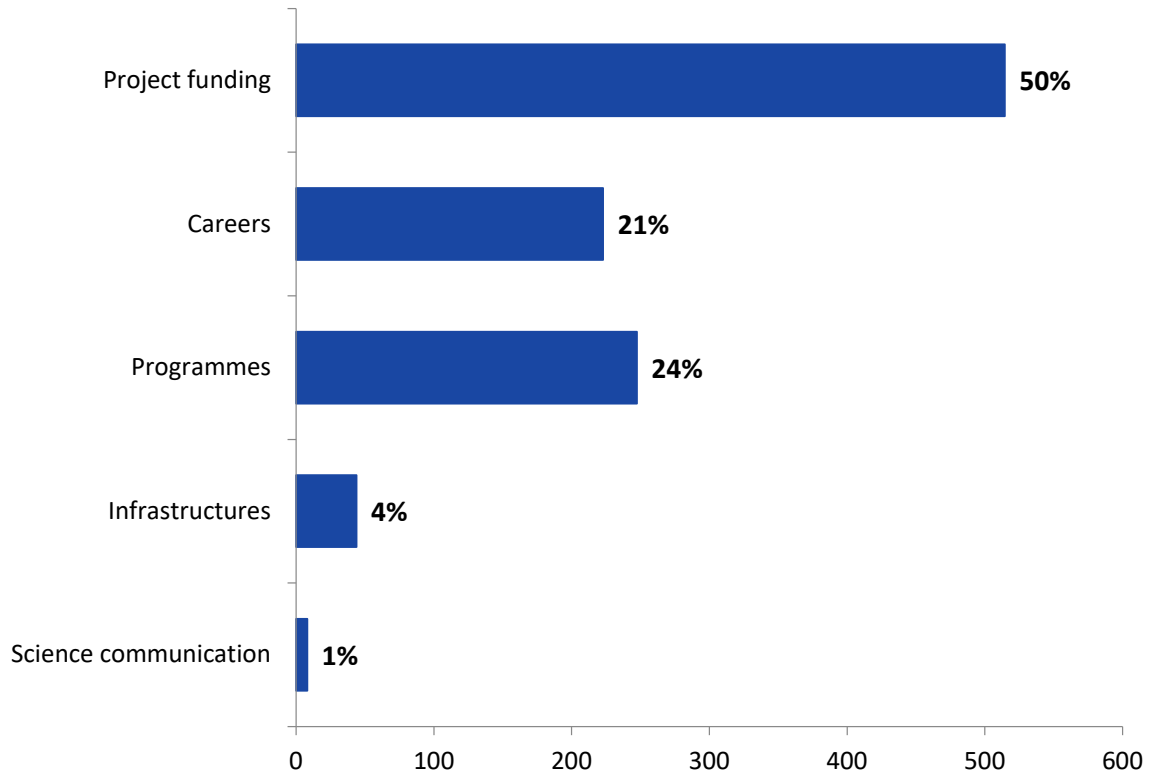
Approved amounts since 2005



1.2 Funding by scheme

Amounts in CHF million

Distribution of the approved amounts



	Number	Amount	Women	Men
Project funding	909	514.6	21%	79%
Careers	1002	222.9	39%	61%
Programmes	512	247.4	19%	81%
Infrastructures	62	43.9	16%	84%
Science communication	486	8.2	44%	56%
Total	2971	1 037.0	24%	76%

1.3 Funding by research area and institution¹

Amounts in CHF million

Distribution of the approved amounts (incl. overhead)

	Humanities and social sciences	Mathem., natural and engineering sciences	Biology and medicine	Total in CHF million	Total in %	Overhead ²	Total incl. overhead
Universities (incl. University hospitals)	157.1	153.4	305.1	615.6	59%	68.5	684.1
Basel (BS)	19.1	20.9	54.7	94.7	9%	9.9	104.6
Berne (BE)	18.5	35.2	46.1	99.7	10%	11.4	111.1
Fribourg (FR)	12.6	15.1	7.2	34.8	3%	4.1	38.9
Geneva (GE)	28.0	35.7	43.5	107.2	10%	11.5	118.7
Lucerne (LU)	16.4	5.6	71.1	93.1	9%	10.2	103.2
Lausanne (Uni LS)	6.9	-	0.0	6.9	1%	0.9	7.8
Neuchâtel (NE)	8.2	3.8	2.4	14.4	1%	1.4	15.8
St. Gallen (SG)	3.7	0.6	0.0	4.3	0.4%	0.6	4.9
Ticino (TI)	4.2	3.7	4.2	12.1	1%	1.6	13.7
Zurich (Uni ZH)	39.4	32.8	76.1	148.3	14%	17.1	165.4
ETH Domain	17.7	208.8	62.4	288.9	28%	30.9	319.8
EPF Lausanne (ETH LS)	3.2	69.6	17.1	89.9	9%	10.1	100.0
ETH Zurich (ETH ZH)	11.8	103.4	39.4	154.5	15%	15.7	170.3
Research institutes ³	2.7	35.8	5.9	44.5	4%	5.1	49.6
Universities of applied sciences	23.2	5.6	1.9	30.8	3%	4.0	34.8
Bern University of Applied Sciences (BFH)	1.9	0.0	0.1	2.1	0.2%	0.3	2.3
University of Applied Sciences and Arts Northwestern Switzerland (FHNW)	8.5	0.8	0.3	9.6	1%	1.3	10.9
University of Applied Sciences Eastern Switzerland (FHO)	0.8	0.4	-	1.2	0.1%	0.2	1.4
University of Applied Sciences Western Switzerland (HES-SO)	5.1	1.0	-	6.1	1%	0.8	7.0
Lucerne University of Applied Sciences and Arts (HSLU)	1.2	1.1	-	2.2	0.2%	0.3	2.5
University of Applied Sciences and Arts of Southern Switzerland (SUPSI)	0.04	0.4	-	0.4	0.04%	0.05	0.4
Zurich University of the Arts - ZHdK	2.3	-	-	2.3	0.2%	0.3	2.5
Zurich University of Applied Sciences - ZHAW	3.4	2.0	1.4	6.9	1%	0.9	7.8
Universities of teacher education	5.2	0.2	-	5.3	1%	0.5	5.8
Hospitals (independent of higher education institutions)	-	0.8	2.8	3.6	0.3%	0.5	4.0
Other research institutes⁴	12.4	5.3	12.4	30.1	3%	3.2	33.3
Others⁵	21.1	19.3	22.4	62.8	6%	0.3	63.1
Total	236.7	393.4	407.0	1 037.0	100%	107.9	1 144.9

¹If no application was accepted for the respective institution, this is denoted by a dash. Amounts lower than CHF 0.01 million are shown as zero.

²For 2018, a total of CHF 107.9 million are available for overhead contributions

³Research institutes in the ETH Domain (Empa, Eawag, PSI, WSL)

⁴AORI, BITG, EHB, FTL, Agroscope, FIBL, FUS, FMI, IDIAP, IHEID, IST, IRSOL, PMOD, FORS, SPF, SIK-ISEA, CSEM, SIB and other research institutes

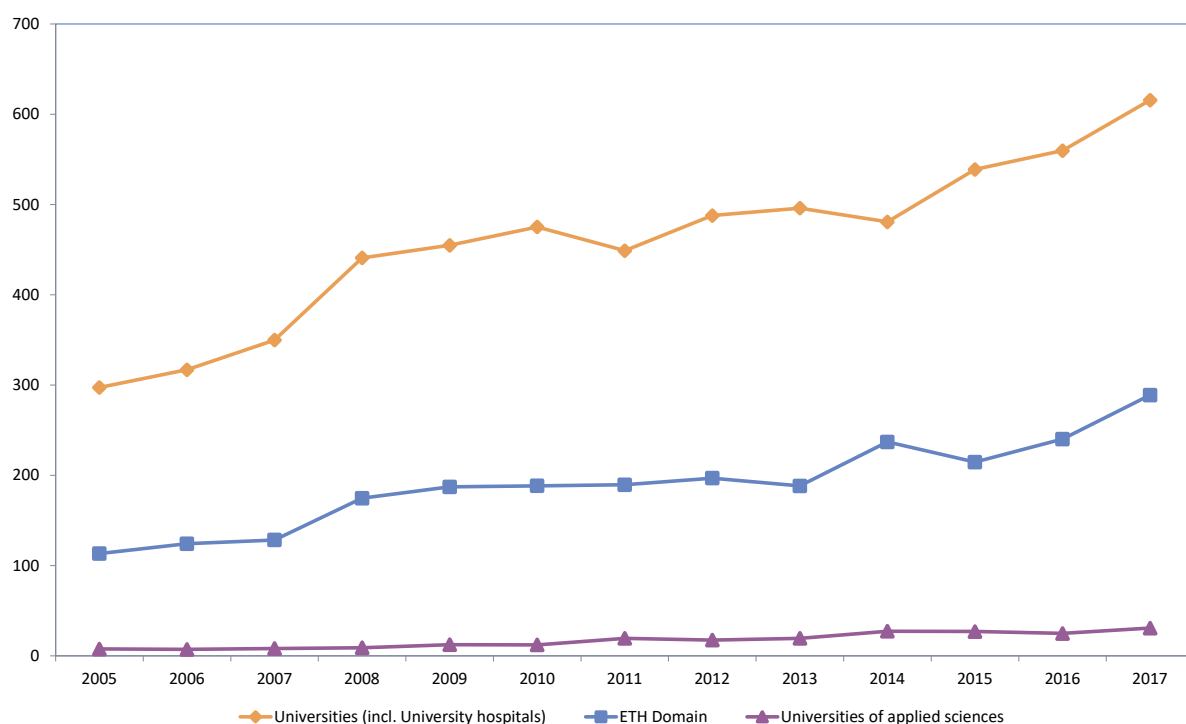
⁵Companies, non-profit organisations, not assignable to an institution and Foreign institutions (e.g. Doc.Mobility, Early/Advanced Postdoc.Mobility)

The statistic 1.3 is available in interactive and extended form:
[LINK](#)

1.3.1 Funding by institution since 2005

Amounts in CHF million

Distribution of the approved amounts (incl. overhead)¹

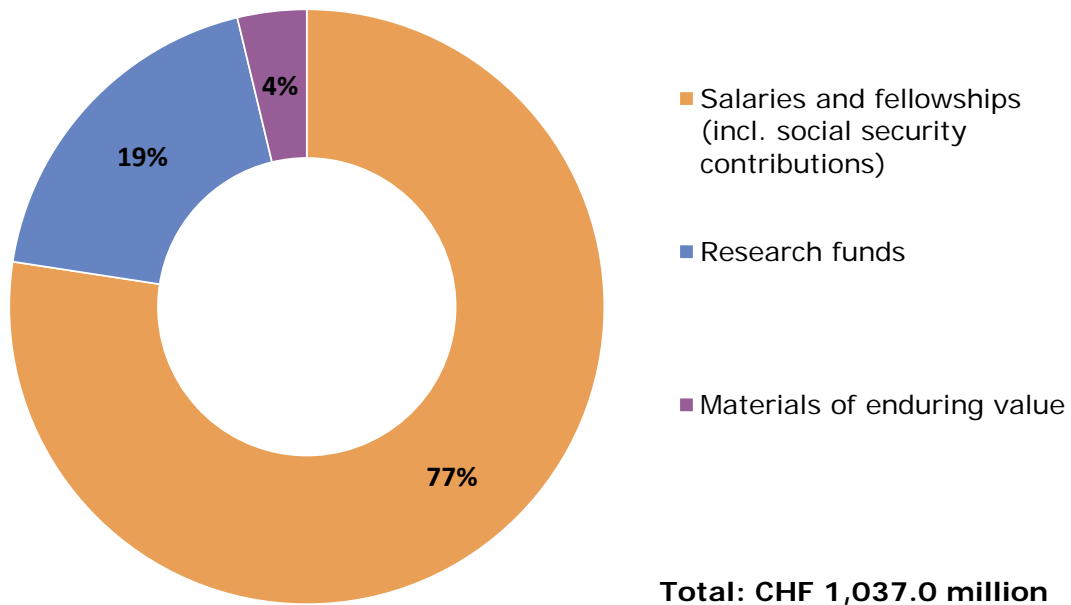


	Universities (incl. University hospitals)	ETH Domain	Universities of applied sciences	Universities of teacher education	Hospitals (independent of higher education inst.)	Other research institutes ¹	Others ²	Total
2005	297.3	113.3	7.6	0.0	-	-	47.7	465.9
2006	317.0	124.2	7.2	0.6	-	-	42.0	491.0
2007	349.8	128.3	8.1	0.8	-	-	44.3	531.3
2008	440.9	174.6	9.0	1.3	-	-	37.0	662.8
2009	454.8	187.2	12.4	1.2	-	-	51.5	707.1
2010	475.1	188.3	12.2	1.3	-	-	49.1	726.0
2011	448.9	189.5	19.4	2.1	-	-	53.0	712.9
2012	487.8	196.9	17.5	1.2	-	-	51.8	755.2
2013	496.0	188.2	19.4	2.0	-	-	113.2	818.8
2014	480.8	237.0	27.3	1.3	1.0	20.6	80.6	848.5
2015	538.8	214.7	27.0	1.7	4.0	24.2	67.3	877.7
2016	559.7	240.1	24.8	4.8	3.2	34.3	70.5	937.3
2017	615.6	288.9	30.8	5.3	3.6	30.1	62.8	1 037.0

¹ SIAF, AORI, BITG, CREALP, EHB, FTL, Agroscope, FIBL, IRO, FUS, FMI, IDIAP, IHEID, IRR, ISSKA, IST, IKG, IUKB, IRSOL, IRB, ISR, PMOD, RWS, SIK-ISEA, FORS, SPF, STH, CSEM, SIB, THCH et other Research Institutes

² Museums, libraries, companies, non-profit organisations and not assignable to an institution (e.g. Doc.Mobility/Early/Advanced Postdoc.Mobility)

1.4 Use of approved amounts



1.5 Success rates

Amounts in CHF million

	Success rate ¹			Number of applications submitted			Number of applications approved			Approved amount
	Total	Women	Men	Total	Women	Men	Total	Women	Men	
Project funding	48%	44%	49%	1 892	459	1 433	909	202	707	514.6
Humanities and social sciences	45%	40%	49%	549	202	347	249	80	169	113.6
Mathematics, natural and engineering sciences	52%	54%	52%	645	98	547	337	53	284	185.0
Biology and medicine	46%	43%	47%	698	159	539	323	69	254	216.0
Careers²										
Doc.CH	27%	28%	26%	179	117	62	49	33	16	11.3
Doc.Mobility	47%	51%	45%	300	136	164	142	69	73	7.6
Early Postdoc.Mobility	45%	42%	47%	746	295	451	337	125	212	30.1
Advanced Postdoc.Mobility ³	36%	37%	36%	416	178	238	151	65	86	18.2
Ambizione	31%	32%	30%	289	99	190	89	32	57	62.6
SNSF professorships	15%	18%	14%	271	91	180	42	16	26	80.1
Programmes										
Sinergia	23%	28%	22%	142	36	106	33	10	23	70.7
Bridge	10%	13%	9%	416	92	324	40	12	28	13.2
IICT	22%	20%	22%	32	5	27	7	1	6	9.7
Infrastructures	71%	73%	71%	87	11	76	62	8	54	43.9
Science communication⁴	85%	90%	82%	572	233	339	486	209	277	8.2

¹Ratio of the number of applications approved to the number of applications submitted

²Success rates without follow-up applications

³Without return grants

⁴Without the applications for the OAPEN.CH pilot project

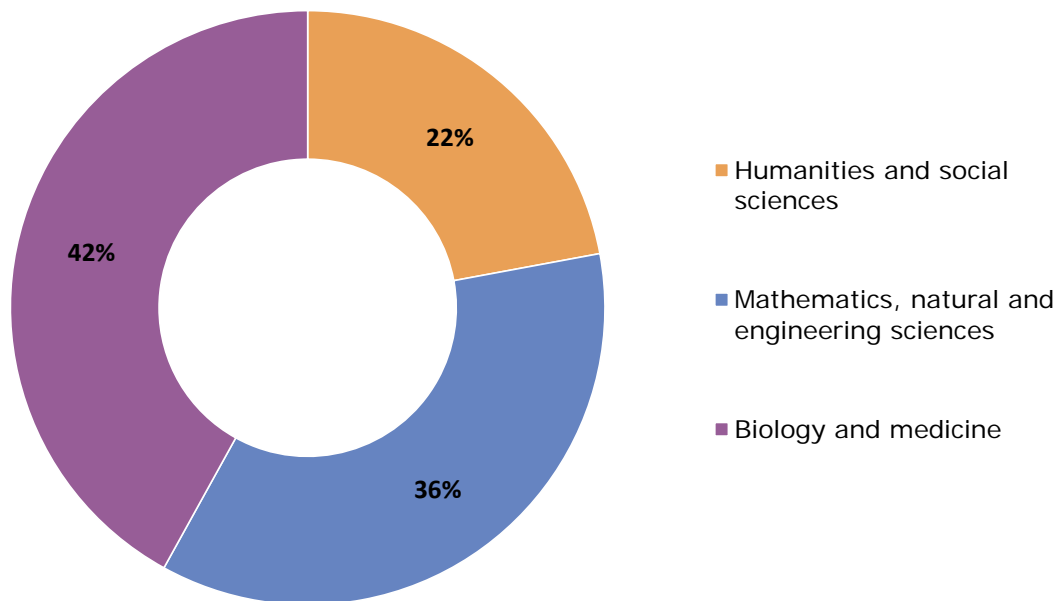
2. Project funding

The SNSF supports research projects of high quality across all disciplines. The topics are selected by the researchers. The awarded grants mainly cover staff salaries and research costs.

2.1 Funding by research area

Amounts in CHF million

Distribution of the approved amounts



	Amount
Humanities and social sciences	113.6
Mathematics, natural and engineering sciences	185.0
Biology and medicine	216.0
Total	514.6

2.1.1 Funding by group of discipline and gender

Amounts in CHF million

	Number of proposals			Number of proposals approved			Amount approved		
	Total	Women	Men	Total	Women	Men	Total	Women	Men
Humanities and social sciences	549	202	347	249	80	169	113.6	33%	67%
Theology & religious studies, history, classical studies, archaeology, prehistory and early history	54	19	35	31	9	22	17.1	25%	75%
Linguistics and literature, philosophy	77	39	38	36	14	22	19.0	45%	55%
Art studies, musicology, theatre and film studies, architecture	65	16	49	28	3	25	14.7	15%	85%
Ethnology, social and human geography	20	8	12	8	3	5	4.1	28%	72%
Psychology, educational studies	107	46	61	45	18	27	19.4	39%	61%
Sociology, social work, political sciences, media and communication studies, health	115	46	69	46	19	27	20.6	42%	58%
Economics, law	111	28	83	55	14	41	18.8	29%	71%
Mathematics, natural and engineering sciences	645	98	547	337	53	284	185.0	14%	86%
Mathematics	64	11	53	38	7	31	18.9	12%	88%
Astronomy, astrophysics and space sciences	21	2	19	12	1	11	7.9	4%	96%
Chemistry	88	13	75	48	6	42	33.3	12%	88%
Physics	126	13	113	75	8	67	46.3	12%	88%
Engineering sciences	228	34	194	99	16	83	46.5	16%	84%
Environmental sciences	65	17	48	36	9	27	19.0	22%	78%
Earth sciences	53	8	45	29	6	23	13.2	23%	77%
Biology and medicine	698	159	539	323	69	254	216.0	20%	80%
Basic biological research	190	48	142	109	22	87	83.3	19%	81%
General biology	63	12	51	35	7	28	23.3	16%	84%
Basic medical research	149	33	116	64	13	51	41.1	19%	81%
Experimental medicine	120	32	88	58	12	46	38.2	20%	80%
Clinical medicine	129	21	108	41	10	31	20.6	27%	73%
Preventive medicine (epidemiology/early diagnosis/prevention)	40	10	30	15	5	10	9.3	31%	69%
Social medicine	7	3	4	1		1	0.2	17%	83%
Total	1892	459	1433	909	202	707	514.6	21%	79%

2.1.2 Funding by group of disciplines and institution¹

Amounts in CHF million

Humanities and social sciences

	Theology & religious studies, history, classical studies, archaeology, prehistory and early history	Linguistics and literature, philosophy	Art studies, musicology, theatre and film studies, architecture	Ethnology, social and human geography	Psychology, educational studies	Sociology, social work, political sciences, media and communication studies, health	Economics, law	Total
Universities (incl. University hospitals)	16.3	18.4	5.7	2.4	14.8	7.5	14.5	79.7
Basel	4.09	2.8	0.0	0.3	0.9	0.6	0.70	9.4
Bern	1.9	2.4	0.5	0.6	0.3	0.6	1.2	7.5
Fribourg	1.9	2.0	1.2	0.1	2.7	0.4	0.2	8.5
Geneva	3.8	2.7	2.3	0.1	3.0	0.9	2.3	15.0
Lausanne	2.7	1.3	0.4	-	0.3	1.1	1.8	7.5
Lucerne	-	0.2	-	-	-	0.9	0.8	2.0
Neuchâtel	0.6	0.7	0.5	0.8	0.4	0.6	0.2	3.8
St. Gallen	-	-	-	-	-	0.2	3.3	3.5
Ticino (USI)	-	0.3	0.0	-	-	0.7	0.8	1.7
Zurich	1.3	6.1	0.8	0.6	7.1	1.5	3.2	20.6
ETH Domain	0.3	-	2.2	0.3	0.5	1.8	1.1	6.3
EPF Lausanne	-	-	0.8	0.0	-	0.0	0.2	1.0
ETH Zürich	0.3	-	1.4	-	0.5	1.4	0.9	4.5
RI ²	-	-	-	0.3	-	0.4	0.0	0.7
Universities of applied sciences	0.5	-	6.2	0.4	0.6	7.6	1.5	16.7
Universities of teacher education	-	0.6	-	-	3.0	-	-	3.6
Others³	-	-	0.5	0.9	0.6	3.74	1.7	7.4
Total	17.1	19.0	14.7	4.1	19.4	20.6	18.8	113.6

¹ If no application was accepted for the respective institution, this is denoted by a dash. Amounts lower than CHF 0.01 million are shown as zero.

² Research institutes in the ETH Domain (Empa, Eawag, PSI, WSL)

³ Hospitals (not higher educ. inst.), other research institutes and Others (companies, NPO).

Mathematics, natural and engineering sciences¹

	Mathematics	Astronomy, astrophysics and space sciences	Chemistry	Physics	Engineering sciences	Environmental sciences	Earth sciences	Total
Universities (incl. University hospitals)	6.7	5.4	13.4	24.4	8.8	5.6	7.3	71.4
Basel	0.04	-	4.2	5.6	0.5	0.1	0.04	10.5
Bern	1.1	3.1	2.6	7.6	0.9	1.6	2.1	19.0
Fribourg	0.6	-	0.3	1.7	2.2	0.0	1.5	6.3
Geneva	0.3	1.4	5.2	4.6	0.6	0.4	0.8	13.4
Lausanne	0.2	-	-	-	-	1.4	1.8	3.4
Lucerne	-	-	-	-	-	-	-	-
Neuchâtel	0.6	-	-	-	0.0	0.1	0.6	1.3
St. Gallen	-	-	-	-	0.6	-	-	0.6
Ticino (USI)	0.3	0.3	-	-	3.0	0.0	-	3.7
Zurich	3.6	0.6	1.0	4.9	1.0	1.9	0.4	13.3
ETH Domain	12.2	2.2	19.5	21.8	34.6	13.0	5.6	108.8
EPF Lausanne	3.9	2.2	7.0	5.8	14.0	2.1	-	34.9
ETH Zürich	8.3	-	10.8	10.5	13.6	4.7	5.3	53.1
RI ²	-	-	1.7	5.5	7.0	6.2	0.3	20.8
Universities of applied sciences	-	0.3	0.4	-	1.5	0.4	-	2.6
Universities of teacher education	-	-	-	-	-	-	-	-
Others³	-	0.03	-	0.1	1.7	0.01	0.3	2.2
Total	18.9	7.9	33.3	46.3	46.5	19.0	13.2	185.0

¹ If no application was accepted for the respective institution, this is denoted by a dash. Amounts lower than CHF 0.01 million are shown as zero.

² Research institutes in the ETH Domain (Empa, Eawag, PSI, WSL)

³ Hospitals (not higher educ. inst.), other research institutes and Others (companies, NPO).

Biology and medicine¹

	Basic biological research	General biology	Basic medical research	Experimental medicine	Clinical medicine	Preventive medicine (epidemiology/early diagnosis/prevention)	Social medicine	Total
Universities (incl. University hospitals)	55.1	17.9	31.6	34.4	19.8	8.9	-	167.6
Basel	4.9	0.6	4.1	6.3	3.4	2.2	-	21.4
Bern	6.5	3.6	4.7	6.7	3.6	1.7	-	26.8
Fribourg	3.0	-	1.5	-	0.03	-	-	4.4
Geneva	12.8	1.9	3.81	4.4	4.0	0.8	-	27.7
Lausanne	14.1	5.7	9.0	7.2	2.4	1.6	-	40.0
Lucerne	-	-	-	-	-	-	-	-
Neuchâtel	1.2	0.8	-	-	-	-	-	2.0
St. Gallen	-	-	-	-	-	-	-	-
Ticino (USI)	1.1	-	-	3.0	-	-	-	4.2
Zurich	11.4	5.4	8.5	6.8	6.4	2.5	-	41.1
ETH Domain	20.5	5.2	7.6	2.4	0.5	-	-	36.2
EPF Lausanne	7.9	-	2.6	1.0	0.5	-	-	12.0
ETH Zürich	11.3	2.3	5.0	1.4	-	-	-	20.0
RI ²	1.3	2.9	-	-	0.0	-	-	4.2
Universities of applied sciences	0.8	-	0.3	-	-	0.3	0.1	1.6
Universities of teacher education	-	-	-	-	-	-	-	-
Others³	7.0	0.2	1.6	1.4	0.3	0.04	0.03	10.5
Total	83.3	23.3	41.1	38.2	20.6	9.3	0.2	216.0

¹ If no application was accepted for the respective institution, this is denoted by a dash. Amounts lower than CHF 0.01 million are shown as zero.

² Research institutes in the ETH Domain (Empa, Eawag, PSI, WSL)

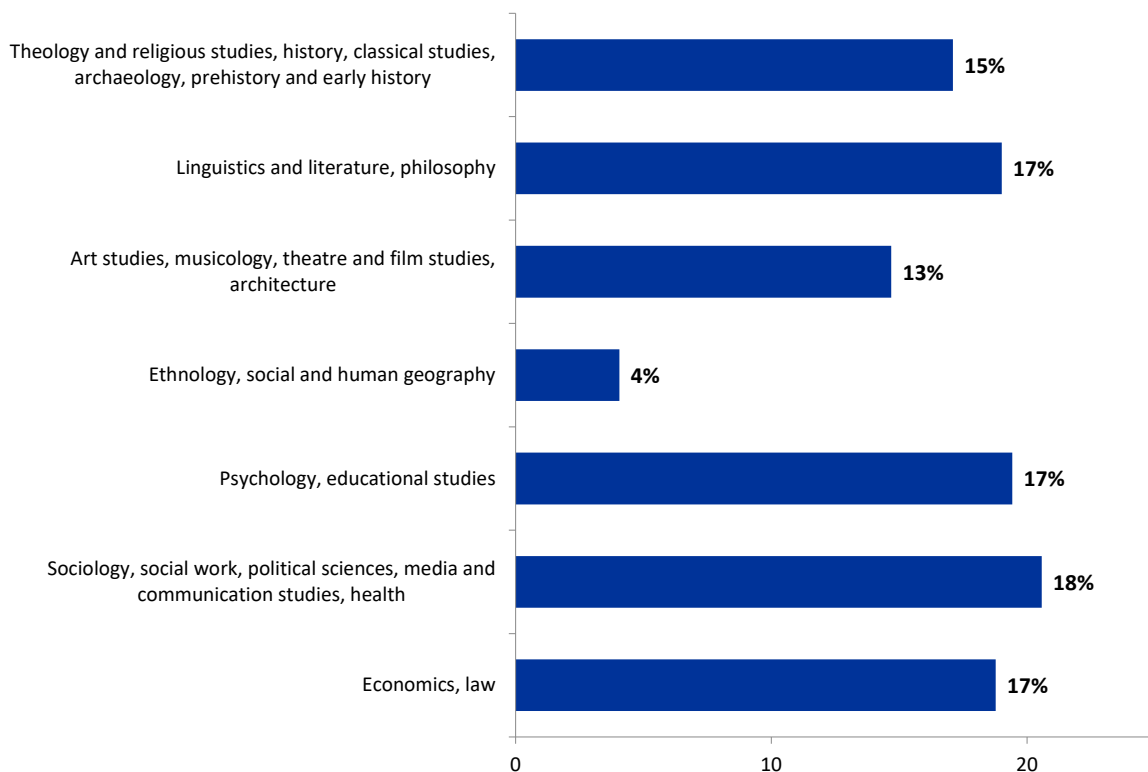
³ Hospitals (not higher educ. inst.), other research institutes and Others (companies, NPO).

2.2 Funding by group of disciplines

Amounts in CHF millions

Humanities and Social Sciences

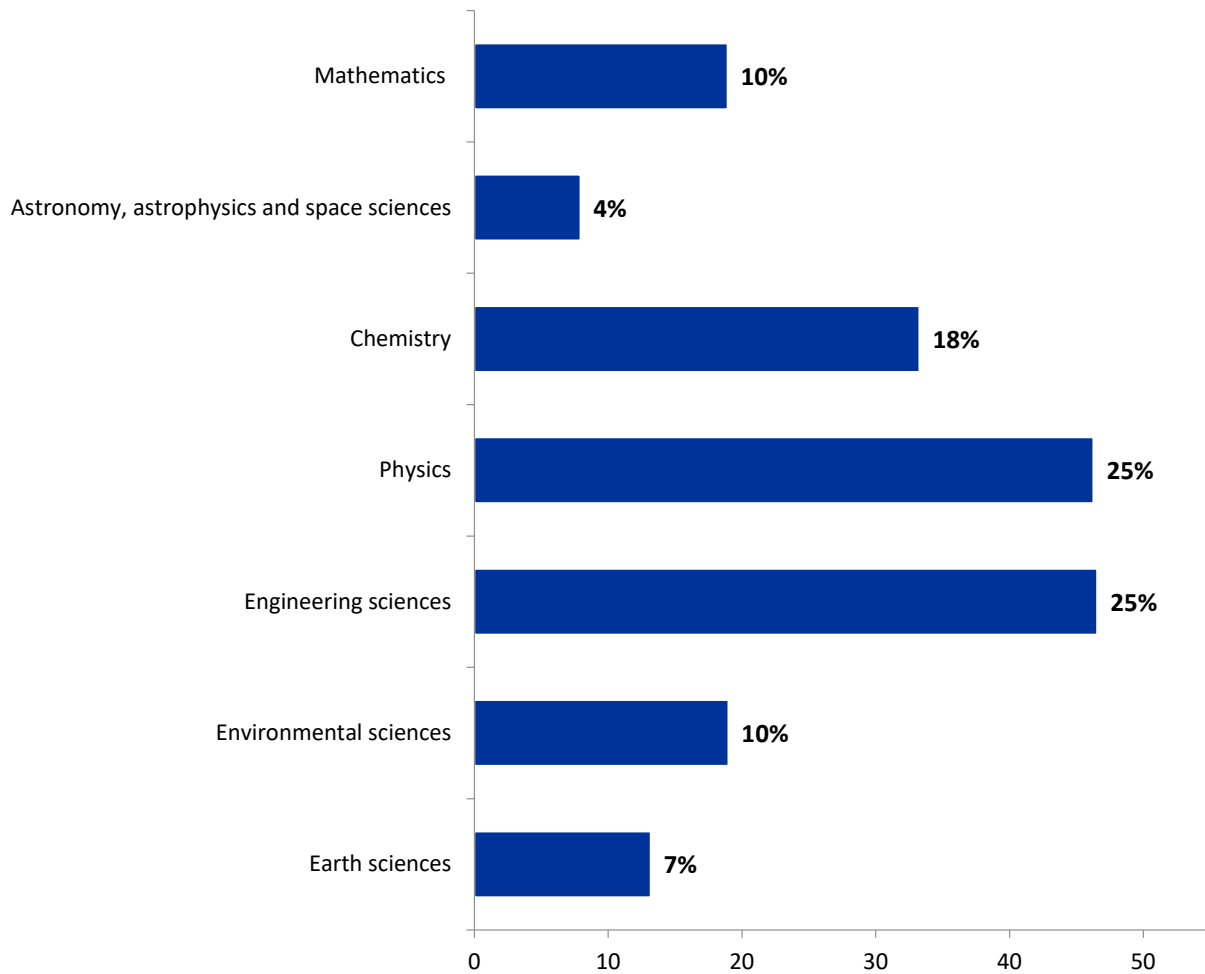
Distribution of the approved amounts



	Number	Amount
Theology and religious studies, history, classical studies, archaeology, prehistory and early history	31	17.1
Linguistics and literature, philosophy	36	19.0
Art studies, musicology, theatre and film studies, architecture	28	14.7
Ethnology, social and human geography	8	4.1
Psychology, educational studies	45	19.4
Sociology, social work, political sciences, media and communication studies, health	46	20.6
Economics, law	55	18.8
Total	249	113.6

Mathematics, Natural and Engineering Sciences

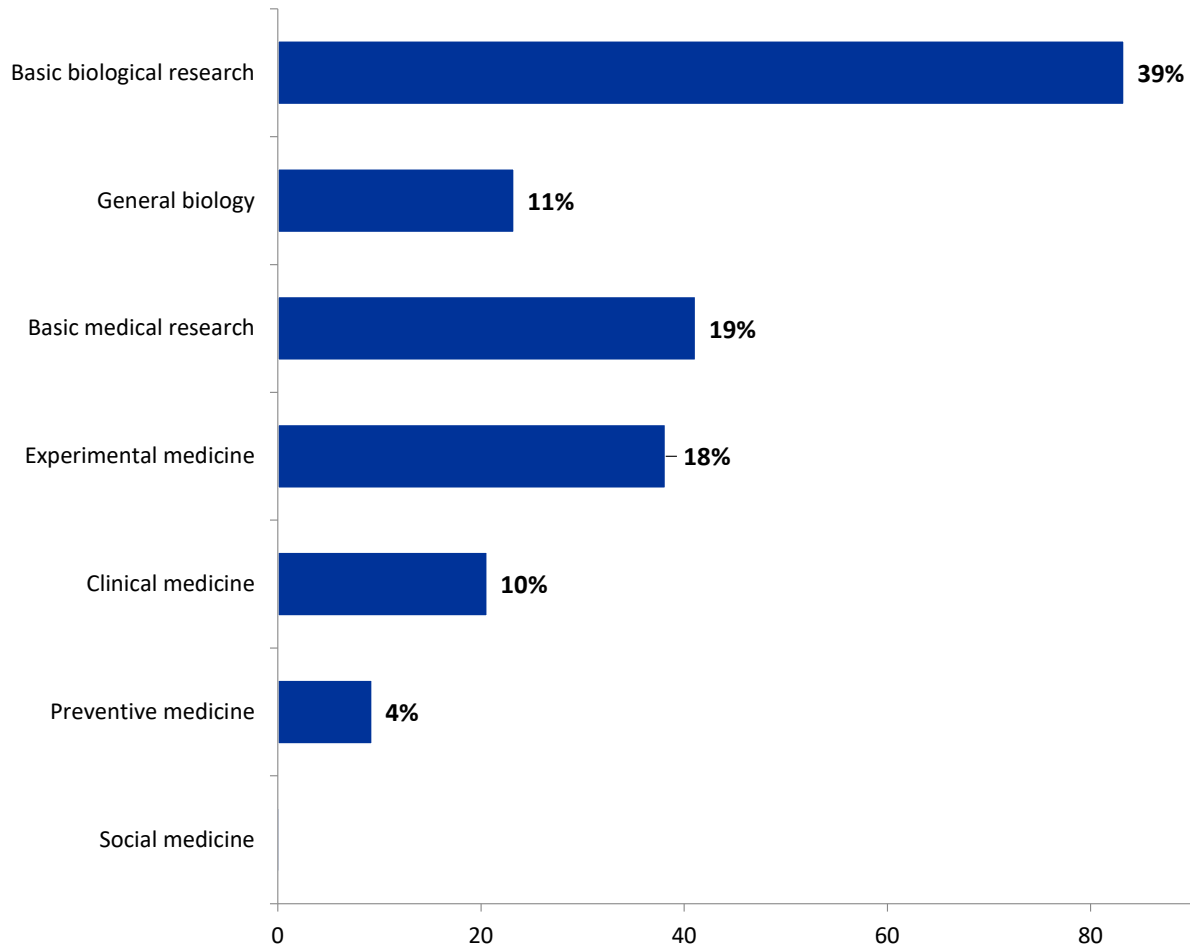
Distribution of the approved amounts



	Number	Amount
Mathematics	38	18.9
Astronomy, astrophysics and space sciences	12	7.9
Chemistry	48	33.3
Physics	75	46.3
Engineering sciences	99	46.5
Environmental sciences	36	19.0
Earth sciences	29	13.2
Total	337	185.0

Biology and Medicine

Distribution of the approved amounts

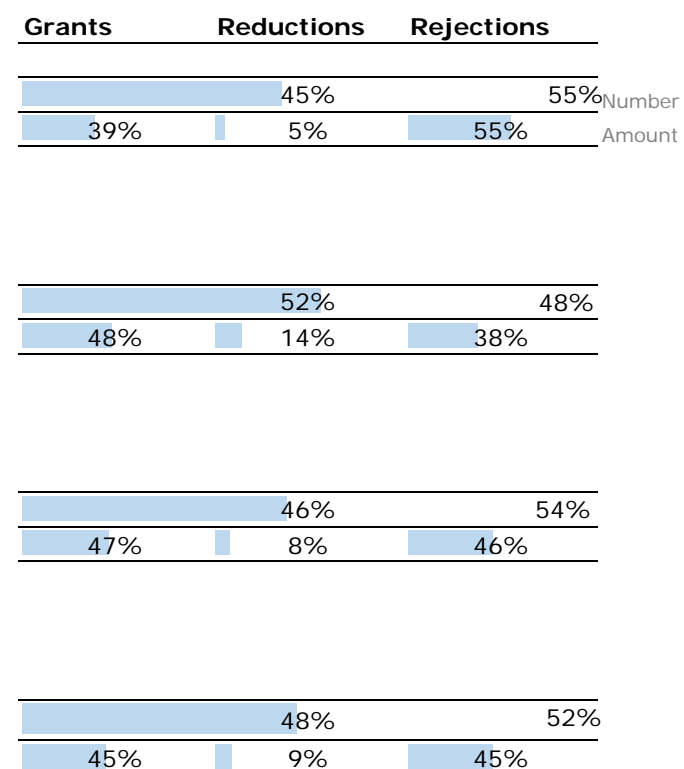


	Number	Amount
Basic biological research	109	83.3
General biology	35	23.3
Basic medical research	64	41.1
Experimental medicine	58	38.2
Clinical medicine	41	20.6
Preventive medicine (epidemiology/early diagnosis/prevention)	15	9.3
Social medicine	1	0.2
Total	323	216.0

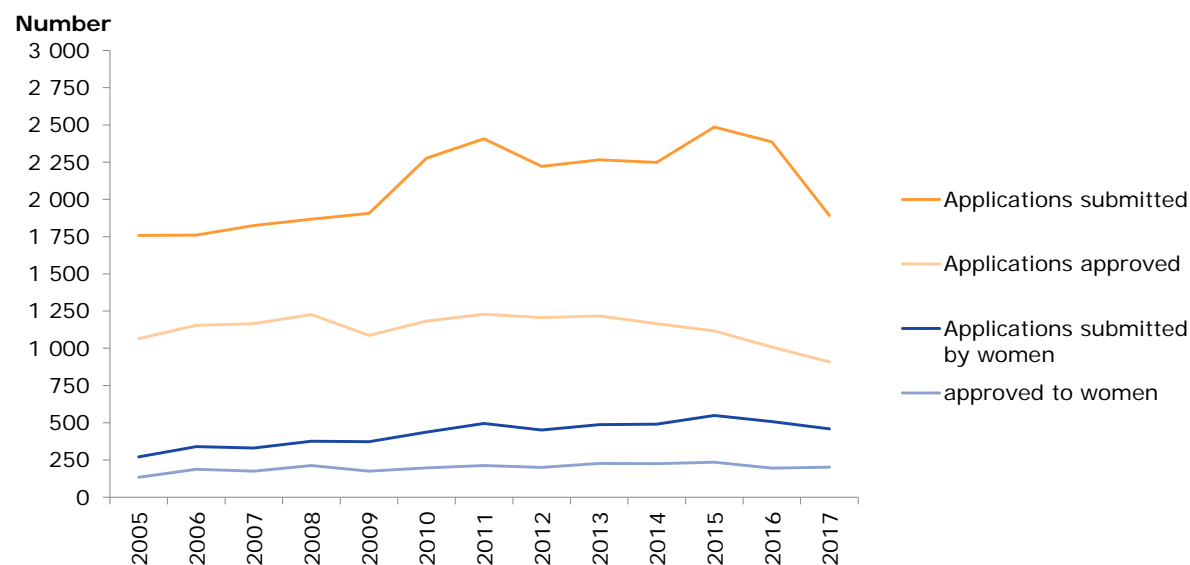
2.3 Grants, reductions and rejections

Amounts in CHF million

	Number	Amount
Humanities and social sciences		
Applications submitted	549	
Requested amount		289.2
Grants	249	113.6
Reductions in approved applications	(132)	15.5
Rejections, withdrawals	300	160.1
Mathematics, natural and engineering sciences		
Applications submitted	645	
Requested amount		383.6
Grants	337	185.0
Reductions in approved applications	(211)	54.4
Rejections, withdrawals	308	144.1
Biology and medicine		
Applications submitted	698	
Requested amount		462.4
Grants	323	216.0
Reductions in approved applications	(167)	34.8
Rejections, withdrawals	375	211.7
Total		
Applications submitted	1892	
Requested amount		1135.1
Grants	909	514.6
Reductions in approved applications	(510)	104.8
Rejections, withdrawals	983	515.9

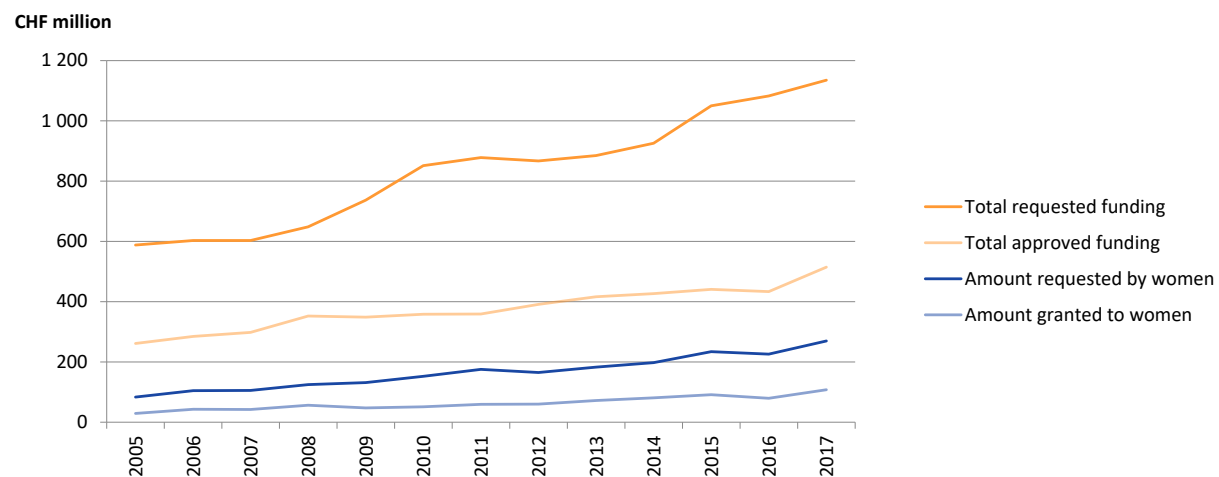


2.4 Number of applications and grants since 2005



Year	Number of applications submitted			Number of applications approved			Success rate
	Total	Women	Men	Total	Women	Men	
2005	1758	15%	85%	1065	13%	87%	61%
2006	1753	19%	81%	1149	16%	84%	66%
2007	1825	18%	82%	1165	15%	85%	64%
2008	1867	20%	80%	1227	17%	83%	66%
2009	1902	20%	80%	1083	16%	84%	57%
2010	2273	19%	81%	1180	17%	83%	52%
2011	2407	21%	79%	1224	17%	83%	51%
2012	2221	20%	80%	1206	17%	83%	54%
2013	2257	22%	78%	1208	19%	81%	54%
2014	2249	22%	78%	1165	19%	81%	52%
2015	2486	22%	78%	1117	21%	79%	45%
2016	2386	21%	79%	1009	19%	81%	42%
2017	1892	24%	76%	909	22%	78%	48%

2.5 Requested and approved amounts since 2005



Year	Amount requested			Amount approved			Approval rate
	Total	Women	Men	Total	Women	Men	
2005	585	14%	86%	261	11%	89%	45%
2006	603	17%	83%	285	15%	85%	47%
2007	603	17%	83%	298	14%	86%	49%
2008	648	19%	81%	352	16%	84%	54%
2009	737	18%	82%	349	14%	86%	47%
2010	851	18%	82%	358	14%	86%	42%
2011	878	20%	80%	359	17%	83%	41%
2012	867	19%	81%	391	15%	85%	45%
2013	885	21%	79%	416	17%	83%	47%
2014	926	21%	79%	427	19%	81%	46%
2015	1050	22%	78%	441	21%	79%	42%
2016	1084	21%	79%	435	18%	82%	40%
2017	1135	24%	76%	515	21%	79%	45%

¹Adjustment of time series; ERA-Net in the chapter on Programmes as of 2014

3. Careers

The SNSF has a wide range of funding options in place to promote the careers of young researchers.

3.1 Funding by scheme

Amounts in CHF million

	Number of applications submitted					Number of applications approved					Approved amount
	New applications			Follow-up applications		New applications			Follow-up applications		
	Total	Women	Men	Women	Men	Total	Women	Men	Women	Men	
Career funding schemes											
Doc.CH	179	117	62	-	-	49	33	16	-	-	11.3
MD-PhD fellowships ¹	7	3	4	-	-	7	3	4	-	-	1.3
Doc.Mobility	300	136	164	9	8	142	69	73	3	1	7.6
Early Postdoc.Mobility	746	295	451	-	-	337	125	212	-	-	30.1
Advanced Postdoc.Mobility ²	416	178	238	4	11	151	65	86	2	5	18.2
Marie Heim-Vögtlin grants (MHV)	-	-		10		-	-		9		1.0
Ambizione	289	99	190	-	2	89	32	57	-	2	62.6
Ambizione Energy ³	22	3	19	-	-	8	2	6	-	-	5.3
SNSF professorships	271	91	180	8	23	42	16	26	7	22	80.1
Assistant Professor (AP) Energy grants ³	9	5	4	-	-	5	3	2	-	-	4.4
Measures for promoting careers											
GROW	6	5	1	-	-	6	5	1	-	-	0.2
International short visits	90	32	58	-	-	80	29	51	-	-	0.6
Research semesters ⁴	3	-	3	-	-	3	-	3	-	-	0.2
Mobility grants for doctoral students ⁵	(72)	(40)	(32)	-	-	(69)	(40)	(29)	-	-	(0.9)
120% support grants ⁵	(51)	(42)	(9)	-	-	(45)	(39)	(6)	-	-	(0.7)
Gender equality grants ⁵	(37)	(37)	(0)	-	-	(37)	(37)	(0)	-	-	(0.03)
Total	2 338	964	1 374	31	44	919	382	537	21	30	222.9

¹The national MD-PhD programme is managed by the SAMS

²Without 101 applications for return grants (45 women; 56 men) and 32 approved return grants (12 women; 20 men). Amount approved: CHF 2.7 million

³Special schemes in connection with the Federal Council's Dispatch on the "Coordinated Swiss Energy Research Action Plan - Measures for the Years 2013-2016"

⁴Research semesters for departing members of the National Research Council

⁵Mobility grants, "120% support grants" and gender equality grants are supplementary grants in projects and are therefore not treated as separate applications. Hence they are not accounted for in the total number of applications

3.1.1 Funding by scheme and research area

Amounts in CHF million

	Humanities and social sciences			Mathematics, natural and engineering sciences			Biology and medicine		
	Total	Women	Men	Total	Women	Men	Total	Women	Men
Number of applications approved¹									
Doc.CH	49	33	16	-	-	-	-	-	-
MD-PhD fellowships	-	-	-	-	-	-	7	3	4
Doc.Mobility	112	57	55	16	3	13	14	9	5
Early Postdoc.Mobility	90	47	43	143	36	107	104	42	62
Advanced Postdoc.Mobility ²	54	32	22	38	6	32	59	27	32
Ambizione	27	12	15	42	10	32	20	10	10
Ambizione Energy	-	-	-	8	2	6	-	-	-
SNSF professorships	15	7	8	15	5	10	12	4	8
Assistant Professor (AP) Energy grants	3	2	1	2	1	1	-	-	-
GROW	1	1	0	3	2	1	2	2	0
International short visits	29	13	16	30	4	26	21	12	9
Research semesters	2	0	2	-	-	-	1	0	1
Total	382	204	178	297	69	228	240	109	131

	Humanities and social sciences			Mathematics, natural and engineering sciences			Biology and medicine		
	Total	Women	Men	Total	Women	Men	Total	Women	Men
Amounts approved³									
Doc.CH	11.3	7.8	3.6	-	-	-	-	-	-
MD-PhD fellowships	-	-	-	-	-	-	1.3	0.5	0.7
Doc.Mobility	6.4	3.3	3.1	0.6	0.1	0.5	0.6	0.4	0.2
Early Postdoc.Mobility	8.1	4.5	3.7	12.6	3.0	9.6	9.4	3.9	5.5
Advanced Postdoc.Mobility ²	6.6	3.8	2.8	4.5	0.7	3.7	7.2	3.0	4.2
Marie Heim-Vögtlin grants (MHV)	0.6	0.6	-	0.3	0.3	-	0.1	0.1	-
Ambizione	17.8	8.4	9.3	28.0	6.3	21.6	16.8	7.8	9.1
Ambizione Energy	-	-	-	5.3	1.6	3.8	-	-	-
SNSF professorships	23.8	11.0	12.8	28.3	7.8	20.4	28.1	8.3	19.9
Assistant Professor (AP) Energy grants	2.0	1.5	0.6	2.4	1.2	1.2	-	-	-
GROW	0.0	0.02	0.0	0.1	0.1	0.03	0.0	0.05	0.0
International short visits	0.2	0.1	0.1	0.2	0.0	0.2	0.2	0.1	0.1
Research semesters	0.1	0.0	0.1	-	-	-	0.1	-	0.1
Total	76.9	40.9	36.0	82.2	21.1	61.2	63.7	24.0	39.8

¹ Includes only new submissions

² Without 43 approved return grants (15 women; 28 men)

³ Includes new applications and follow-up applications

3.1.2 Funding by scheme and institution¹

Amounts in CHF million

	Universities										ETH Domain			Various ³	Total
	Basel	Berne	Fribourg	Geneva	Lausanne	Lucerne	Neuchâtel	St. Gallen	Ticino (USI)	Zurich	EPF Lausanne	ETH Zurich	Research institutes ²		
Number of applications approved⁴															
Doc.CH	6	5	6	7	5	2	1	-	-	11	1	2	-	3	49
MD-PhD fellowships	3	1	-	1	-	-	-	-	-	2	-	-	-	-	7
Marie Heim-Vögtlin programme (MHV)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ambizione	8	11	3	15	6	1	1	-	-	11	7	17	4	5	89
Ambizone Energy	-	-	-	-	-	-	-	-	-	-	5	-	1	2	8
SNSF professorships	6	5	3	4	3	1	1	-	-	13	1	4	-	1	42
Assistant Professor (AP) Energy grants	-	-	-	-	-	2	1	-	-	-	2	-	-	-	5
Graduate courses	1	-	-	-	-	-	-	-	-	-	-	3	2	-	6
International short visits	2	4	4	7	10	1	1	-	-	12	7	5	5	22	80
Research semesters	1	-	-	2	-	-	-	-	-	-	-	-	-	-	3
Return grant for APM	7	1	2	2	3	-	1	1	-	2	1	7	2	3	32
Total	34	27	18	38	27	7	6	1	-	51	24	38	14	36	321

	Universities										ETH Domain			Various ³	Total
	Basel	Berne	Fribourg	Geneva	Lausanne	Lucerne	Neuchâtel	St. Gallen	Ticino (USI)	Zurich	EPF Lausanne	ETH Zurich	Research institutes ²		
Amounts approved⁵															
Doc.CH	1.2	1.3	1.4	1.6	1.2	0.5	0.3	0.02	0.02	2.6	0.3	0.4	-	0.5	11.3
MD-PhD fellowships	0.5	0.2	-	0.2	-	-	-	-	-	0.4	-	-	-	-	1.3
Marie Heim-Vögtlin programme (MHV)	0.5	0.02	0.01	0.1	-	-	-	-	-	0.02	0.1	0.2	-	0.1	1.0
Ambizione	6.2	7.6	2.4	10.7	4.6	0.5	0.7	-	0.03	7.4	3.8	12.4	2.9	3.3	62.6
Ambizone Energy	-	-	-	-	-	-	-	-	-	-	3.0	-	0.8	1.5	5.3
SNSF professorships	11.3	9.6	5.6	6.6	6.5	1.4	1.7	-	-	24.2	3.0	7.8	0.7	2.0	80.1
Assistant Professor (AP) Energy grants	-	-	-	-	-	1.5	0.6	-	-	-	2.4	-	-	-	4.4
Graduate courses	0.02	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-	0.2
International short visits	0.02	0.03	0.04	0.1	0.1	0.0	0.0	-	-	0.1	0.1	0.04	0.04	0.2	0.6
Research semesters	0.1	-	0.0	0.1	-	-	-	-	-	-	-	-	-	-	0.2
Return grant for APM	0.5	0.1	0.1	0.2	0.2	-	0.1	0.1	-	0.2	0.1	0.7	0.2	0.2	2.7
Total	20.3	18.8	9.6	19.6	12.6	3.8	3.3	0.1	0.05	34.9	12.6	21.5	4.6	7.9	169.7

¹ Without Doc.Mobility/Early/Advanced Postdoc.Mobility since these cannot be allocated to the individual higher education institutions. If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.01 million are shown as zero.

² Research Institutes in the ETH Domain (Empa, Eawag, PSI, WSL)

³ Universities of applied sciences, Universities of teacher education, Hospitals, other research institutes, companies/private sector, non-profit organisations and not assignable to an institution

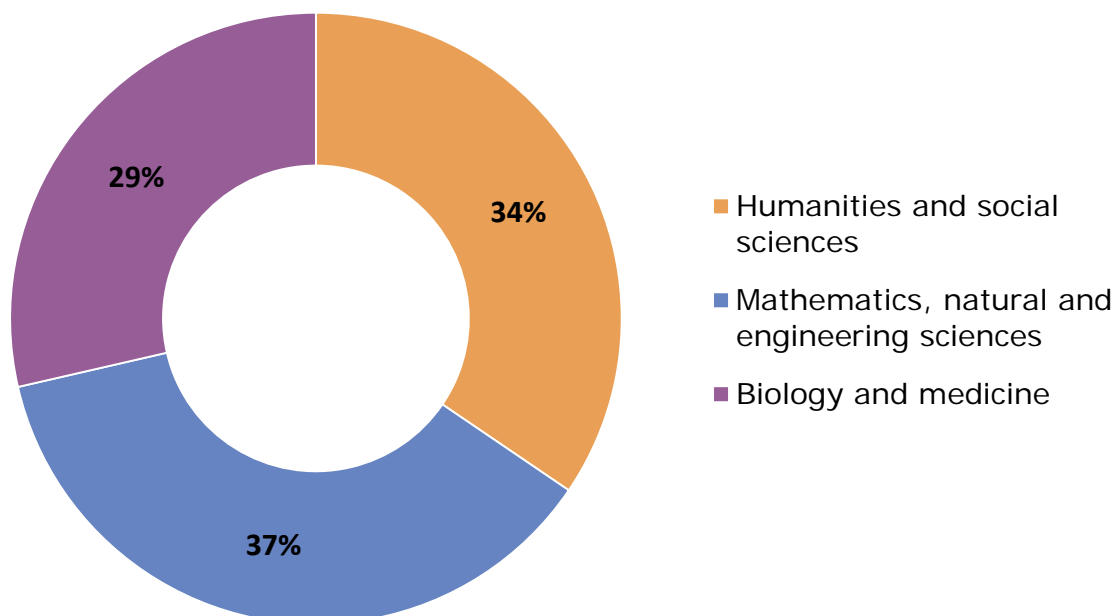
⁴ Includes only new submissions

⁵ Includes new applications and follow-up applications

3.2 Funding by research area

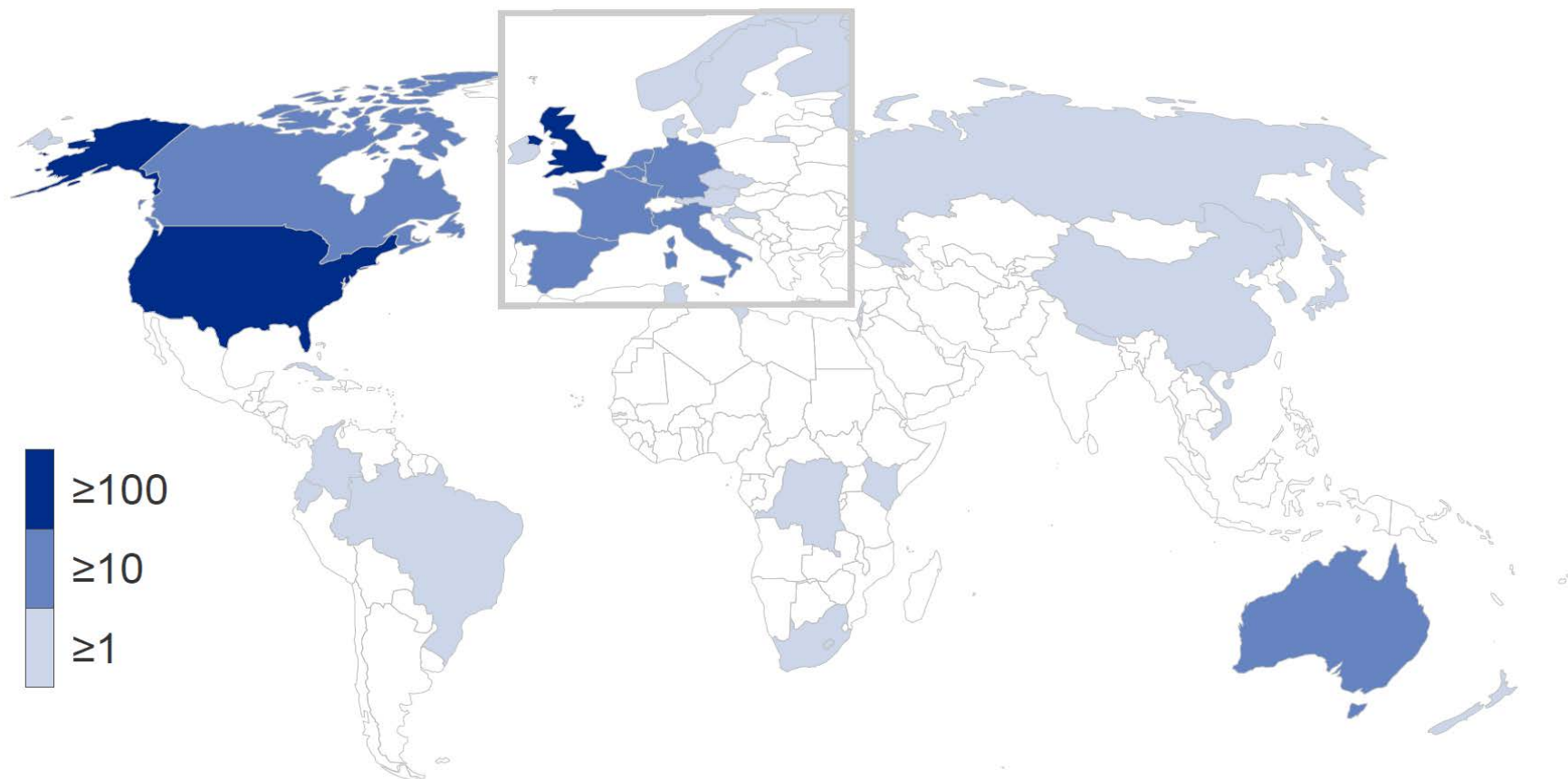
Amounts in CHF million

Distribution of the approved amounts



	Amount
Humanities and social sciences	76.9
Mathematics, natural and engineering sciences	82.2
Biology and medicine	63.7
Total	222.9

3.3 Fellowships by host country



4. Programmes

Programmes are funding schemes with pre-defined thematic, conceptual and organisational parameters. They are either suggested by researchers or their home institutions, or established by political actors.

4.1 Funding by scheme

Amounts in CHF million

	Number ¹	Amount ¹
National Research Programmes (NRPs)	51	25.4
National Centres of Competence in Research (NCCRs)²	293	61.4
Sinergia	33	70.7
International programmes	67	30.4
<i>The bilateral programmes of the Swiss Confederation</i>		
Sino-Swiss Science and Technology Cooperation	10	2.4
Swiss-South Africa Joint Research Programme ³	-	0.0
<i>Other programmes</i>		
Multilateral cooperation	4	2.3
Swiss Programme for Research on Global Issues for Development (r4d programme)	19	19.0
SCOPES	12	0.1
ERA-NET	22	6.6
BRIDGE	40	13.2
COST	13	3.9
Investigator initiated clinical trials (IICT)	7	9.7
Longitudinal studies	8	32.43
Doctoral programmes (ProDoc)³	-	0.1
precoR³	-	0.0
Total	512	247.4

¹ If no application was submitted, this is denoted by a dash. Amounts lower than CHF 0.01 million are shown as zero

¹ Sub-projects

² Additional personnel costs and supplementary grants

4.2 National Research Programmes (NRPs)

Amounts in CHF million

The National Research Programmes study problems of societal, political and economic importance for Switzerland. The topics are prescribed by the Federal Council.

	Approved amount 2017 ¹	Overall budget	Overall amount approved up to 2017 ²	Duration
Current NRPs				
NRP 64 Opportunities and Risks of Nanomaterials	0.2	12.0	11.0	2010-2015
NRP 66 Resource Wood	0.04	18.0	16.6	2012-2016
NRP 67 End of Life	0.03	15.0	12.5	2012-2017
NRP 68 Sustainable Use of Soil as a Resource	0.02	13.0	12.3	2013-2017
NRP 69 Healthy Nutrition and Sustainable Food Production	0.5	13.0	11.2	2013-2018
NRP 70 Energy Turnaround	0.8	37.0	31.6	2015-2019
NRP 71 Managing Energy Consumption	0.4	8.0	6.5	2015-2019
NRP 72 Antimicrobial Resistance	4.4	17.0	14.0	2017-2021
NRP 73 Sustainable Economy	16.2	20.0	16.2	2017-2022
NRP 74 Smarter Health Car	1.7	20.0	13.7	2017-2021
NRP 75 Big data	-	25.0	20.6	2017-2021
Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) and Joint Programming initiative A Healthy Diet for a Healthy Life (JPI HDHL)	0.1	4.0	4.0	2013-2017
Joint Programming Initiative on Antimikrobielle Resistenz (JPIAMR)	1.1	3.0	2.0	2017-2021
New NFPs				
NRP 76 Welfare and Coercion - Past, Present and Future	-	18.0	-	2018-2023
Total	25.4	223.0	172.2	

¹ Excluding grants for formally terminated programmes

² These amounts do not take account of repayments, third-party funds, etc.

4.2.1 Research grants¹ by research area and institution² amounts in CHF million

	Humanities and social sciences	Mathematics, natural and engineering sciences	Biology and medicine	Total
Universities (incl. University hospitals)	4.9	0.4	5.6	10.9
Basel	0.9	0.4	1.4	2.6
Berne	1.1	0.01	1.3	2.4
Fribourg	-	-	0.6	0.6
Geneva	1.0	-	0.8	1.7
Lausanne	0.6	-	-	0.6
Lucerne	0.9	-	-	0.9
Neuchâtel	-	-	-	-
St. Gallen	-	-	-	-
Ticino (USI)	0.4	-	-	0.4
Zurich	0.1	-	1.5	1.6
ETH Domain	5.2	4.5	0.8	10.5
EPF Lausanne	0.7	0.01		0.7
ETH Zurich	2.5	2.1	0.8	5.3
Research institutes ³	2.0	2.5		4.5
Universities of applied sciences⁴	0.4	1.0		1.5
Various⁵	1.3	1.0	0.23	2.5
Total	11.9	6.9	6.6	25.4

¹Without implementation mandates

²If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.01 million are shown as zero.

³Research institutes in the ETH Domain (Empa, Eawag, PSI, WSL)

⁴Including universities of teacher education

⁵Research centres, companies et non-profit organisations

4.3 National Centres of Competence in Research (NCCR)

Amounts in CHF million

With the National Centres of Competence in Research the SNSF promotes long-term research networks in areas of strategic significance for the future of Swiss science, economy and society.

2010 series	Contribution SNSF 2017 ¹	Contribution SNSF for 8 years	Total budget for 8 years	Start	Home institution
NCCR Chemical Biology: Visualisation and Control of Biological Processes Using Chemistry	3.7	28.2	63.4	2010	University of Geneva / ETH Zurich
NCCR Kidney.CH: Kidney Control of Homeostasis	3.2	33.1	48.0	2010	University of Zurich
NCCR LIVES: Overcoming vulnerability: life course perspectives	3.1	29.3	81.7	2011	University of Lausanne / University of Geneva
NCCR MUST: Molecular Ultrafast Sciences and Technology	3.5	35.2	84.5	2010	ETH Zurich / University of Berne
NCCR QSIT: Quantum Science and Technology	4.9	37.9	120.2	2011	ETH Zurich / University of Basel
NCCR Robotics: Intelligent Robots for Improving the Quality of Life	4.1	28.6	59.9	2010	EPF Lausanne / ETH Zurich
NCCR SYNAPSY: The synaptic bases of mental diseases	4.7	35.0	103.6	2010	University of Geneva / EPF Lausanne / University of Lausanne
NCCR TransCure: From transport physiology to identification of therapeutic targets	2.8	25.9	61.2	2010	University of Berne
Total	30.1	253.2	622.5		

2014 series	Contribution SNSF 2017 ¹	Contribution SNSF for 4 years	Total budget for 4 years	Start	Home institution
NCCR Bio-Inspired Materials	3.0	12.0	27.7	2014	University of Fribourg
NCCR Digital Fabrication: Advanced Building Processes in Architecture	3.4	13.4	28.3	2014	ETH Zurich
NCCR MARVEL: Computational Materials - Design and Discovery	4.2	18.0	43.3	2014	EPF Lausanne
NCCR MSE: Molecular Systems Engineering	4.2	16.9	31.3	2014	University of Basel / ETH Zurich
NCCR On the Move: The Migration-Mobility Nexus	4.4	17.4	24.6	2014	University of Neuchâtel
NCCR PlanetS: Origin, Evolution, and Characterisation of Planets	4.4	17.6	33.6	2014	University of Berne / University of Geneva
NCCR RNA & Disease: The Role of RNA Biology in Disease Mechanisms	4.5	16.8	40.8	2014	University of Berne / ETH Zurich
NCCR SwissMAP: The Mathematics of Physics	3.0	11.2	28.9	2014	University of Geneva / ETH Zurich
Total	31.2	123.3	258.5		
All NCCRs	61.4	376.5	881.0		

¹Also contains contributions for management, knowledge and technology transfer, promotion of young scientists, etc.

4.3.1 Research grants by research area and institution (SNSF portion only)¹

Amounts in CHF million

	Humanities and social sciences	Mathematics, natural and engineering sciences	Biology and medicine	Total
Universities	7.6	15.2	12.2	35.1
Basel	0.3	4.4	0.9	5.7
Berne	0.6	2.5	3.2	6.2
Fribourg	0.1	2.2	0.6	2.9
Geneva	2.4	4.5	3.7	10.7
Lausanne	1.3	-	3.1	4.4
Lucerne	0.1	-	-	0.1
Neuchâtel	2.6	0.1	-	2.7
St. Gallen	-	-	-	-
Ticino (USI)	-	-	-	-
Zurich	0.1	1.5	0.7	2.3
ETH Domain	1.1	17.4	4.4	22.9
EPF Lausanne	0.0	6.0	2.7	8.8
ETH Zurich	1.1	10.3	1.7	13.1
Research institutes ²	-	1.0	-	1.0
Universities of applied sciences	-	-	-	-
Others³	-	1.3	2.2	3.4
Total	8.7	33.8	18.8	61.4

¹Amounts lower than CHF 0.01 million are shown as zero.

²Research institutes in the ETH Domain (Empa, Eawag, PSI, WSL)

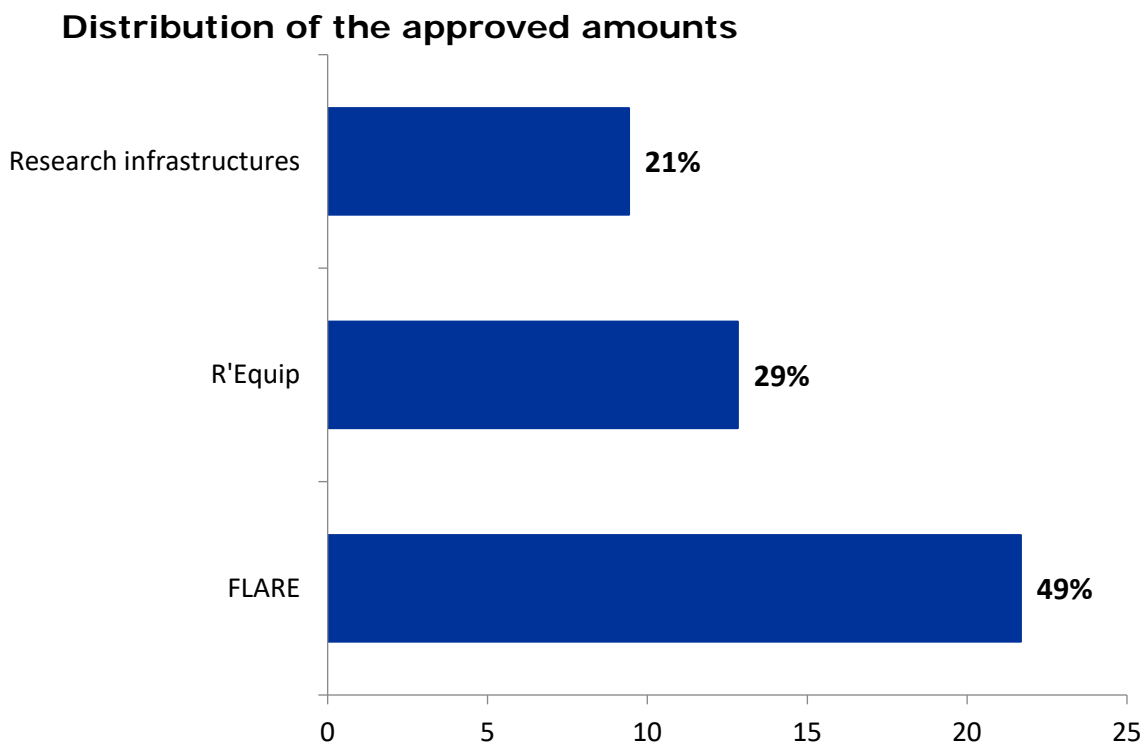
³Research centres, companies and non-profit organisations

5. Infrastructures

In individual cases, the SNSF provides direct funding for research infrastructures that are indispensable for research projects. This is complemented by specific funding programmes.

5.1 Funding by scheme

Amounts in CHF million

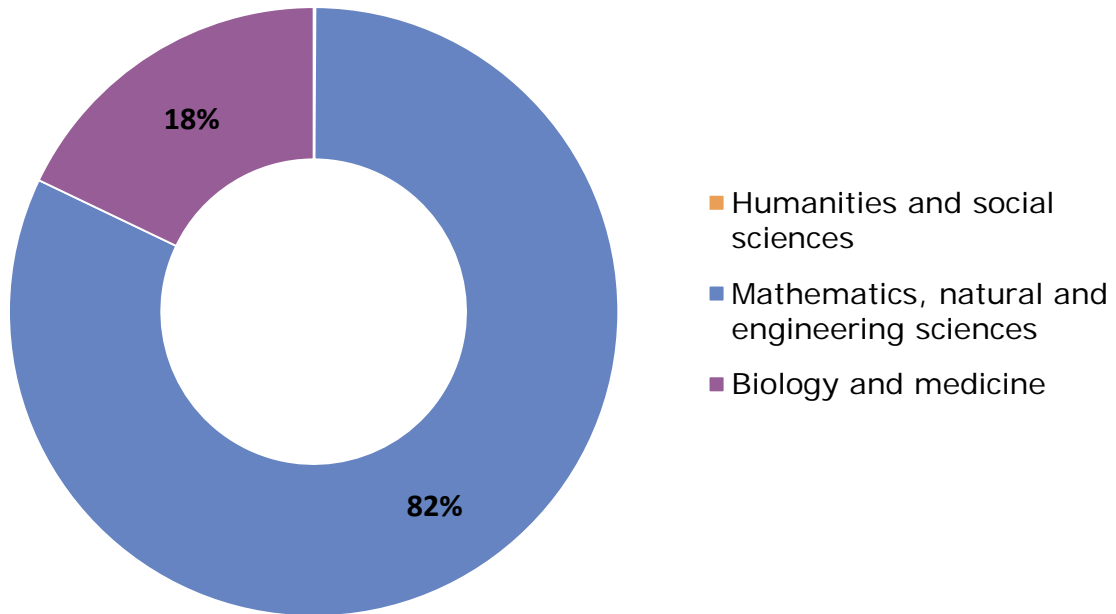


	Number	Amount
Research infrastructures	3	9.4
R'Equip	44	12.8
FLARE	15	21.7
Total	62	43.9

5.2 Funding by research area

Amounts in CHF million

Distribution of the approved amounts



	Amount
Humanities and social sciences	0.04
Mathematics, natural and engineering sciences	36.0
Biology and medicine	7.9
Total	43.9

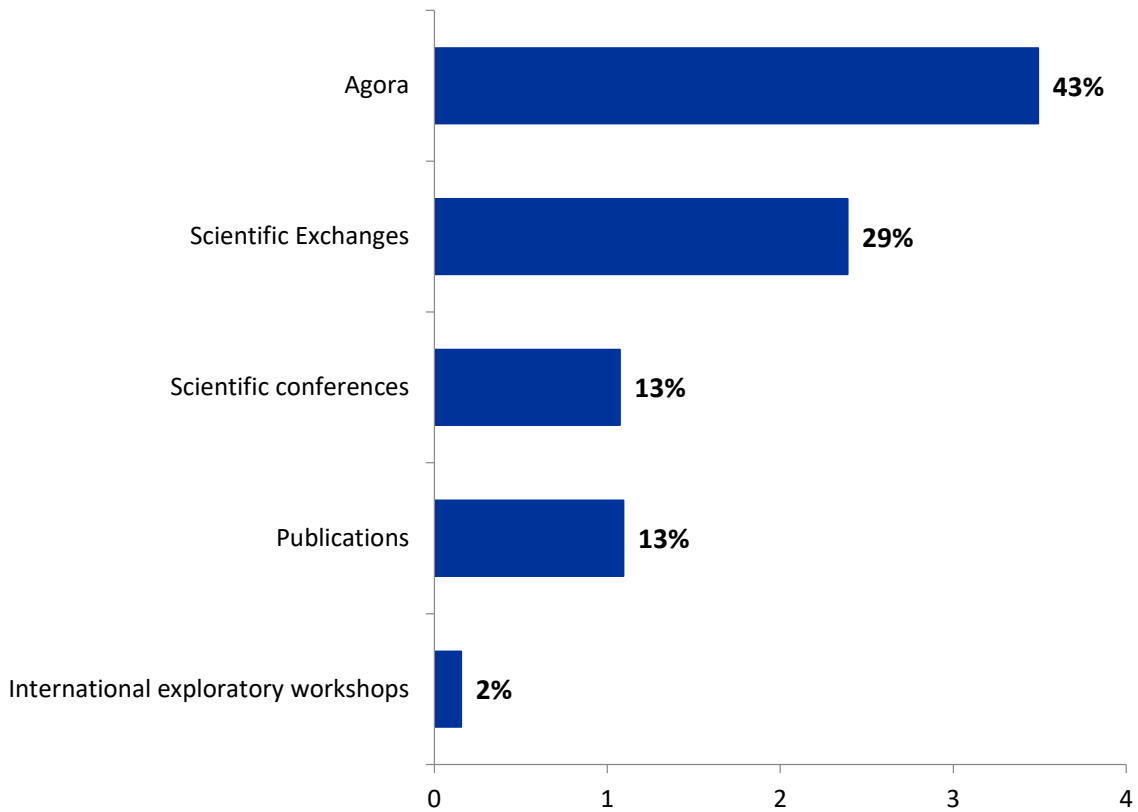
6. Science communication

The SNSF promotes communication between researchers as well as between science and society.

6.1 Funding by scheme

Amounts in CHF million

Distribution of the approved amounts

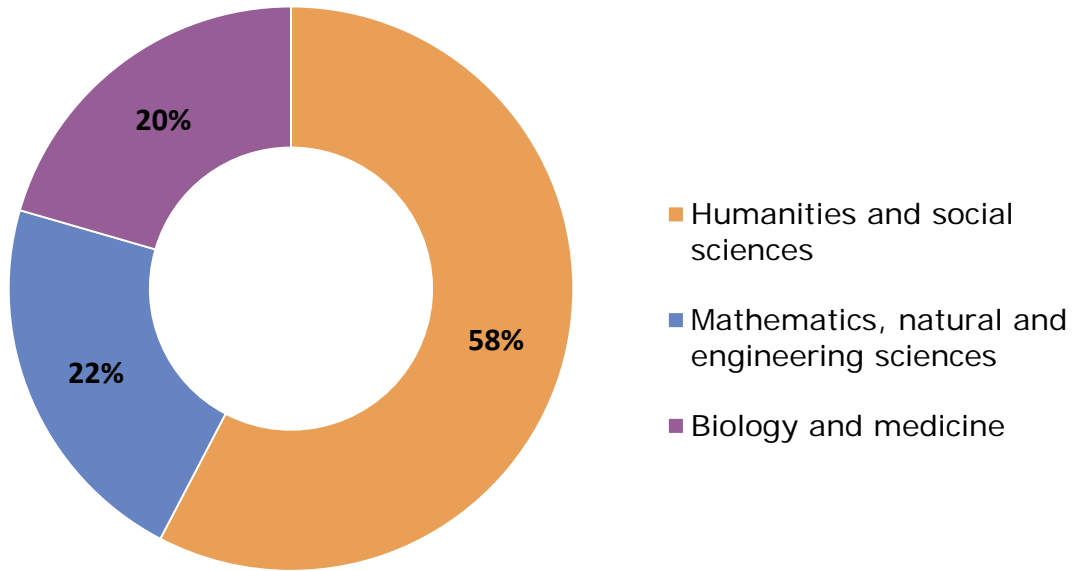


	Number	Amount
Agora	20	3.5
Scientific Exchanges	220	2.4
Scientific conferences	143	1.1
Publications	88	1.1
International exploratory workshops	15	0.2
Total	486	8.2

6.2 Funding by research area

Amounts in CHF million

Distribution of the approved amounts



	Betrag
Humanities and social sciences	4.7
Mathematics, natural and engineering sciences	1.8
Biology and medicine	1.7
Total	8.2